

ABSTRACT OF THE DISCLOSURE

An object of the present invention is to provide a cytotoxic assay using a new established fish cell line. The invention attained according to the object is a cytotoxic assay, wherein an evaluation of toxicity of a specimen is performed on the basis of its toxicity to an established cell line originated from sturgeon, preferably a STIP-1 cell line (FERM BP-8421) and a STIP-3 cell line (FERM BP-8422). Furthermore, another object of the present invention is to provide a new established cell line expected to be used in the diagnosis of viral infection disease of sturgeon and so on. The invention attained according to the object is an established cell line originated from a sturgeon eyeball, particularly a STIP-1 cell line (FERM BP-8421) and a STIP-3 cell line (FERM BP-8422).